



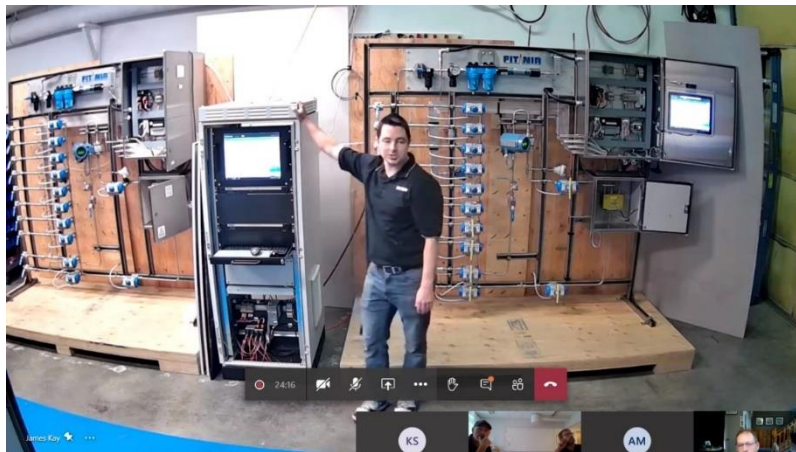
ADAPTING TO CHALLENGES: VIRTUAL FAT WITH SÖDRA

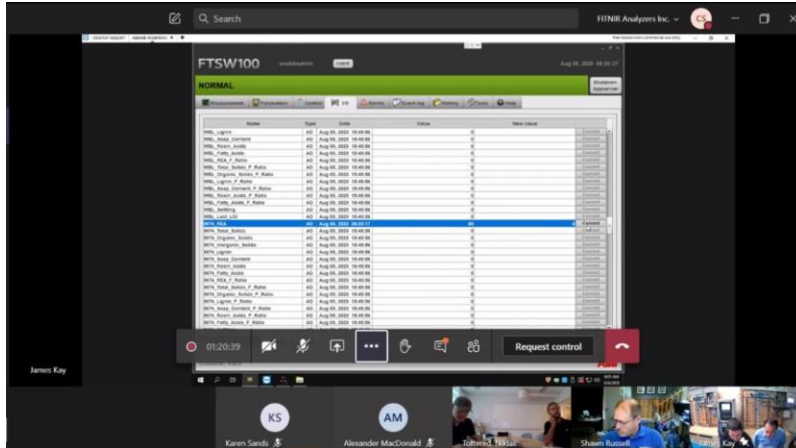
To say that 2020 has been a challenging year is an understatement. COVID-19 has wreaked havoc on everything from grocery shopping, to our kids' schools, and socializing with family and friends. Unfortunately, our businesses have been no exception. At [FITNIR](#), we have been able to continue our operations almost seamlessly. To do so has taken some creativity to find new ways of doing business in a less than perfect environment.

VIRTUAL FACTORY ACCEPTANCE TEST

The Factory Acceptance Test, or "FAT", is a process that evaluates the equipment post-assembly and before it is delivered to the mill site. It provides customers with an opportunity to learn about the system, ask questions, and verify that the system is built and operates in accordance with the design specifications. In June, we held our first-ever virtual FAT with a new [FITNIR Online \(CIO2 generator application\)](#) customer located in the U.S. In early August, we tested our reach overseas with [Södra Cell Värö](#) in Sweden, when we demonstrated their new online [recovery](#) and [recaust](#) system.

Under normal circumstances, the FAT would have taken place in person at FITNIR, but with travel restrictions and social distancing, we utilized video conferencing to run through Värö's system components and specifications. FITNIR Production Manager, James Kay, took the lead in presenting the system hardware in our Vancouver production shop. FITNIR Project Manager, Shawn Russell, demonstrated the software application from his home office in Castlegar, British Columbia. Throughout the session, Södra's team was able to gain further insights on the [hardware and operations](#) of their new [FITNIR Online](#) analyzer.





INSTALLATION & COMMISSIONING

With the FAT complete, Södra's online system has been shipped to its Värö mill, where the focus will be on the installation of the analyzer, including the Spectrometer Rack System (SRS) and its two Field Sampling Stations (FSS). Once completed, FITNIR and Södra will carry out commissioning and start-up of the analyzer.

[FITNIR Online](#) will replace the current liquor analyzer in the causticizing plant at Värö and will provide insightful data for optimizing process control and automation. Södra Cell Värö's main goal is to reduce the need for burnt lime in the causticizing process. The impact of reduced lime consumption is far-reaching, including energy and cost savings with the reduction of fuel needed in the lime kiln as well as the ability to produce enough lime for higher overall pulp production.

MEETING YOUR SERVICE EXPECTATIONS

With the uncertainty of COVID-19, we continue to plan and adjust our operations to ensure the safety of our team, customers and partners, while still delivering the level of [service](#) our customers expect. Our team continues to utilize remote connections to support current installations worldwide.

Please contact us with questions or for assistance.

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From all of us at FITNIR, stay safe.